Props to bring:

    Leftover binders, dividers, cover pages for those who did not get it last week

    Coins, Polyhedral dice, Deck of cards (as a prop for probability lecture)

    Sheaf of "guess 1-4" numbers, put one on every desk

7:30   Put warm-up on the board:

    Today's Math Club is brought to you by: "is" (=)

1) Trade your homework for a doughnut

2) Pick a number at random from 1 to 4, turn in at front!

                             Prediction: Four-fifths of the people will choose 3!

3) How old were you in 1983?

4) What is (-12)-(-8)=?   *A: -4*

5) What is $(-1)^{100}$? $(-1)^{-1}$? $(-1)^{-100}$?   *A: +1, -1, +1*

6) If $\dfrac{8}{0} = \infty$ does $\dfrac{5}{0} = \text{⊓}$?

7) What do you call it when a student is doing his homework to decide if ratios are equal?   *A: "ratio discrimination"!*

8) What do you call a student who prefers not to do their homework on ratios?

                                                    A: Ratio-ly biased!

8:10   Discuss warm-ups

    Circulate attendance sheet

8:20   Discuss top homework problems:

    6) Five people, what is ratio of noses to toes? Fingers to ears?

        Always reduce: 5:50 -> 1:10, 50:10 -> 5:1

        Ratio does not change if there's more/less people.

    1n) (−12) − (−8) =

    5f) The sum of Mark's and Rob's ages is 12. Mark is 10 years older than Rob.

    Write *yes* or *no*: would Rob be allowed in Math Club? (*How old is Rob?!*)

8:45   Lecture

    To introduce probability:

    Do the activity "*Classroom Probability*"

9:00   Start doing homework in class (this is helpful for Probability)

    Or, talk about one of the extra discussion topics.